

MIRIAM UDLER

NIH-Cambridge Scholar 2006

Degrees: University of Cambridge, M.Phil., 2004; Harvard University, B.A.,
Mathematics, 2003

Research Interests: Genetic Epidemiology



Miriam graduated cum laude from Harvard University with a bachelor's degree in Applied Mathematics in 2003. As an undergraduate she won the Harvard College Scholarship Award for academic achievement. She also won a travel grant from the Harvard/Rockefeller Center for Latin American studies enabling her to undertake volunteer work in Costa Rica in 2001. While at Harvard she carried out research in population genetics as well as in basic drosophila genetics at the Harvard Biological Laboratories. She then completed a one-year Masters of Philosophy course in Epidemiology at University of Cambridge. During that time she examined single nucleotide polymorphisms in a population of women from East Anglia to look for correlations with survival of women with breast cancer. She then matriculated to medical school at the University of Massachusetts where she has completed two years of training. In 2006, the Charles River District of the Massachusetts Medical Society honored Miriam with the George G. Katsas Award for her academic achievement. She will now carry out her research studies in genetics and epidemiology before returning to medical school to complete a combined M.D./Ph.D. with an emphasis on genetic epidemiology. Outside of the laboratory, she enjoys soccer and ultimate frisbee. At Harvard, she was a Co-chair of the Leverett House Committee and participated in the "America Counts Math Tutoring" in which she tutored sixth-graders in mathematics in public schools near the University. At University of Massachusetts, she coordinated the phlebotomy laboratory at the Epworth free medical clinic for underserved patients. In the future, she hopes, as a physician-researcher in genetic epidemiology, to close the gap between research and clinical practice.